

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021039**Date Inspected:** 16-Feb-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Corporation, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Peng wen jun**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Bottom Rib Plate**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Delbert Humphrey was present during the times noted above for observations relative to the work being performed at ZPMC.

OBG Bay # 8

WELDING

This QA observed the following components in this bay, OBG, BK004A2-063. This QA observed no work being performed on the above mentioned components during the time QA was present.

OBG Bay # 16

WELDING

This QA Inspector observed the following work in progress:

Back gouging weld with grinder on weld joint identified as BP3095-001-025 for weld preparation on CJP, located on Bottom Rib Plate Panel BP3095-001. ZPMC Quality Control (QC) is identified as Wang Liang.

FCAW welding of weld joint BP3095-001-025. Located on Steel Barrier, identified as BP3095-001. Welder is identified as 067752, ZPMC Quality Control (QC) is identified as Mr. Peng wen jun. The welding variables recorded by QC appeared to comply with WPS-B-P-2232-ESAB.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Humphrey, Delbert	Quality Assurance Inspector
Reviewed By:	Hall, Steven	QA Reviewer
